## INTERNATIONAL SEARCH REPORT

International application No.

PCT/TISOA/O6568

		PC1/USU4/U6568		
A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : H04L 12/56, 12/54, 12/28; H04Q 11/02; G06F 15/173  US CL : 370/422,423,424,425,426,427,428,429,430,412,415,230,401; 709/238  According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 370/422,423,424,425,426,427,428,429,430,412,415,230; 709/238				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched .				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
A	US 6,226,296 B1 (LINDSEY et al) 1 May 2001 (1.0	5.2001)		
A	US 5,668,798 A (TOUBOL, et al) 16 September 1997 (16.09.1997)			
X,P	US 2003/0200330 A1 (OELKE et al) 23 October 2003, figure 2, 3a, 3b, page 4, paragraphs 0030 - 0034, page 5, paragraphs 0036 - 0042.			
Further documents are listed in the continuation of Box C. See patent family annex.				
"A" document	Special emegories of cited documents:  "T" later document published after the international filing date and not in conflict with the application but cited principle or theory underlying the invention of particular relevance  "E" earlier application or patent published on or after the international filing date  "T" later document published after the international filing date and not in conflict with the application but cited principle or theory underlying the invention document of particular relevance; the claimed invention considered novel or cannot be considered to involve.		application but cited to understand the	
1			claimed invention cannot be pred to involve an inventive step	
establish	t which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	when the document is taken alone "Y" document of particular relevance; the	claimed invention cannot be	
specified) "O" document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family		
Date of the actual completion of the international search 15 August 2004 (15.08,2004)		Date of mailing of the international search report  3 SEP 2004		
37		Authorized officer	1.1	
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Commissioner for Patents P.O. Box 1450		Huy Vu		
Ale	exandria, Virginia 22313-1450	Telephone No. 703-308-6602 .		
Form PCT/ISA/210 (second sheet) (January 2004)				